

ONE SIDED Sp HEAD

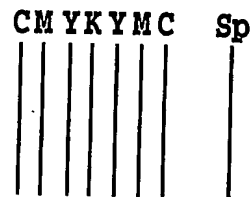


FIG.1A

DIFFERING IN COLORING

BACKWARD
SCAN

FORWARD
SCAN

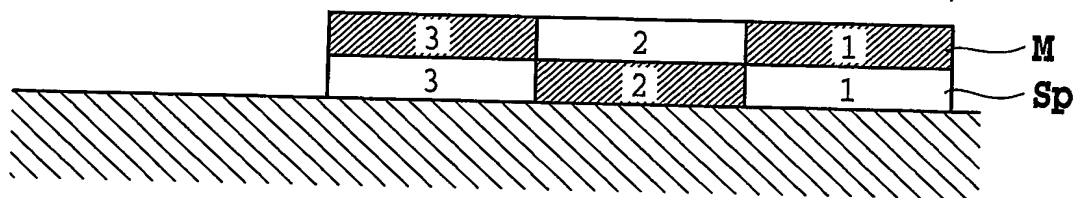


FIG.1B

BOTH SIDED Sp HEAD

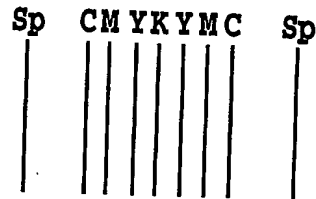


FIG.2A

NO PROBLEM WITH
COLORING BUT
THE INCREASE
IN THE NUMBER
OF HEADS

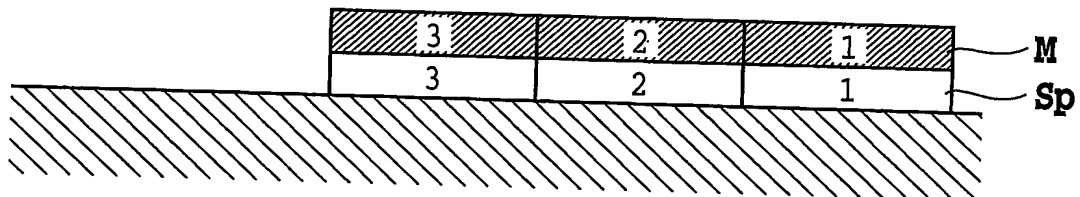


FIG.2B

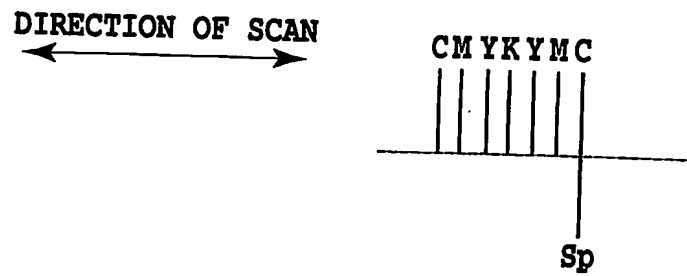


FIG.3A

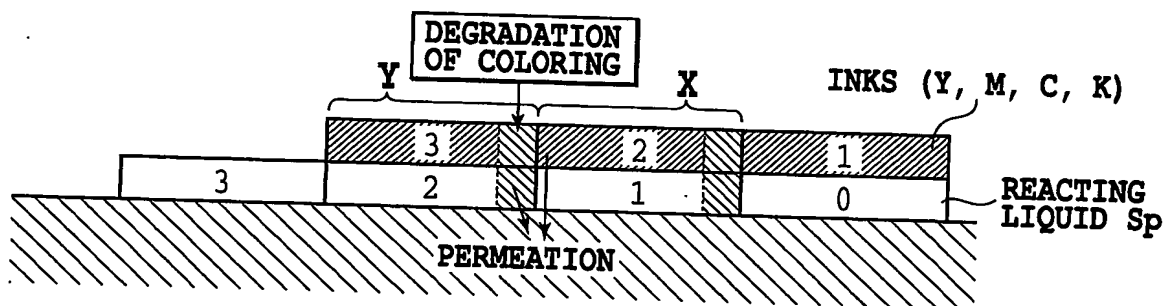


FIG.3B

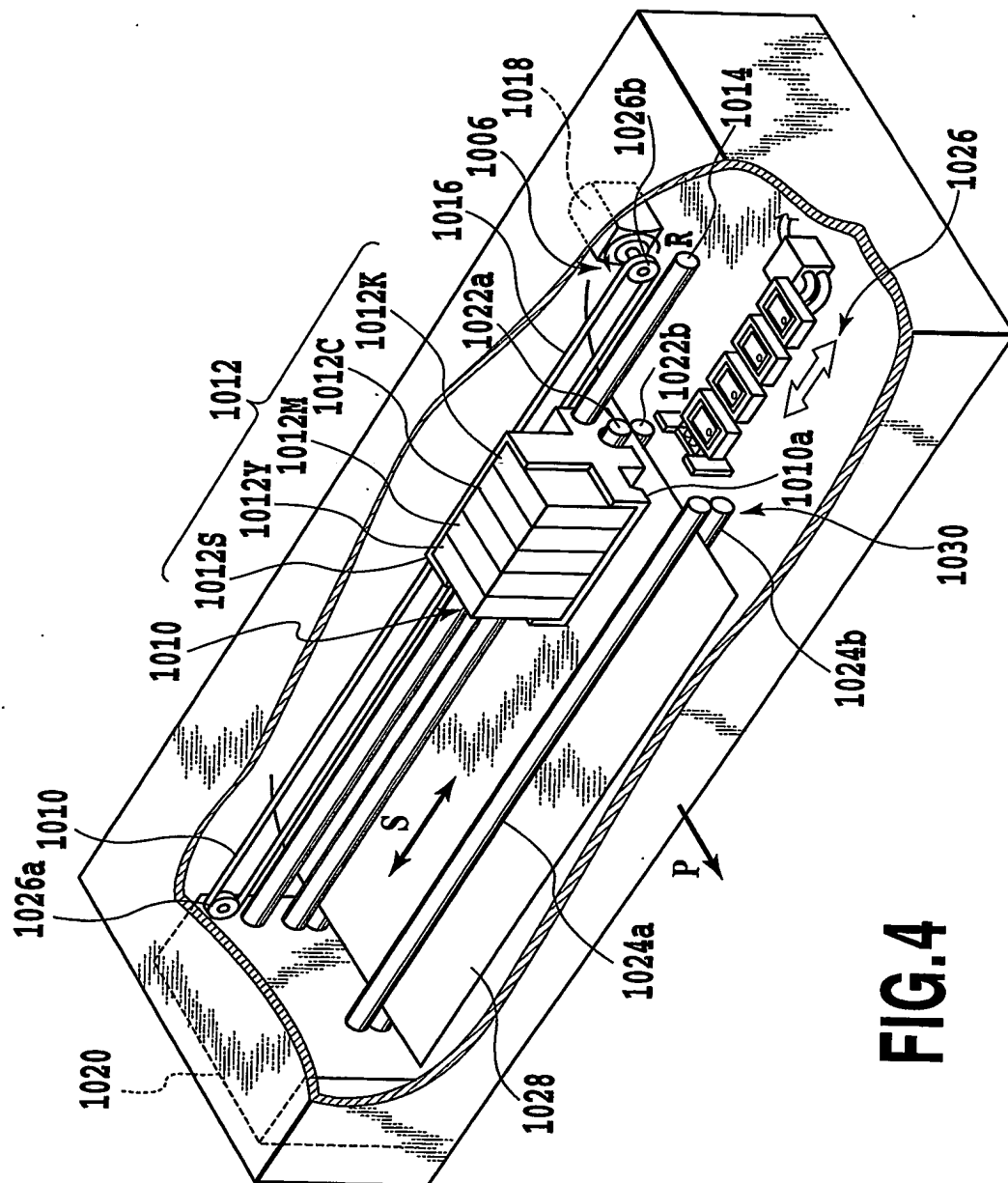


FIG. 4

FIG.5A

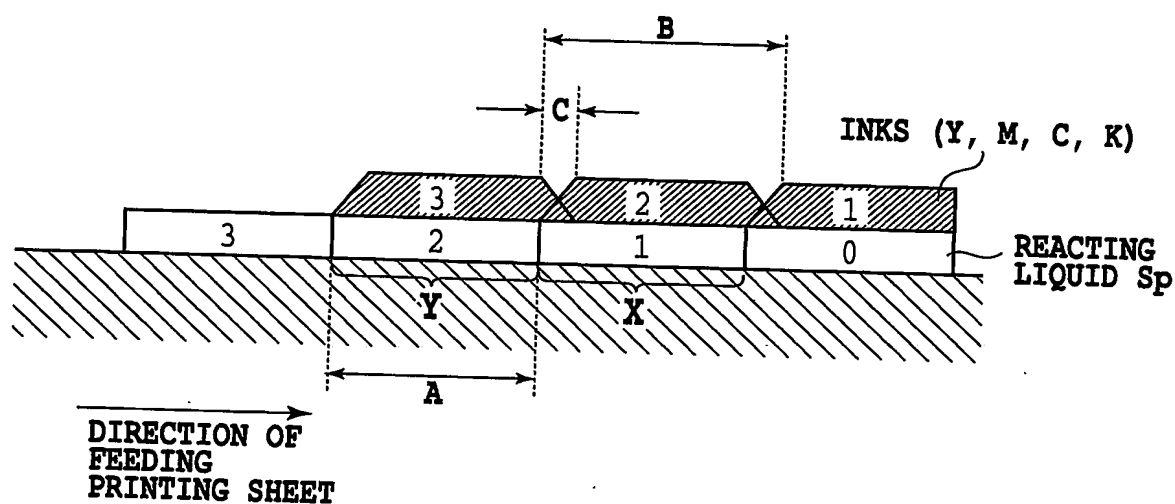
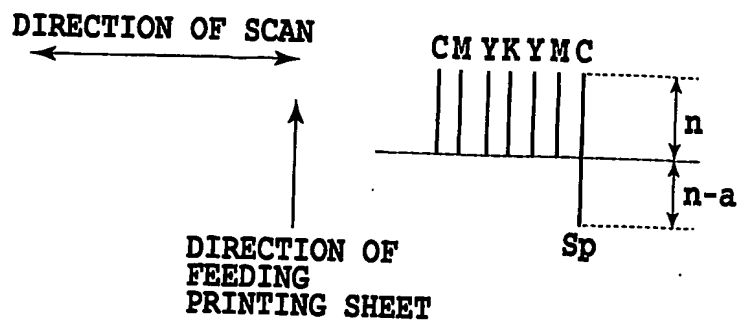


FIG.5B

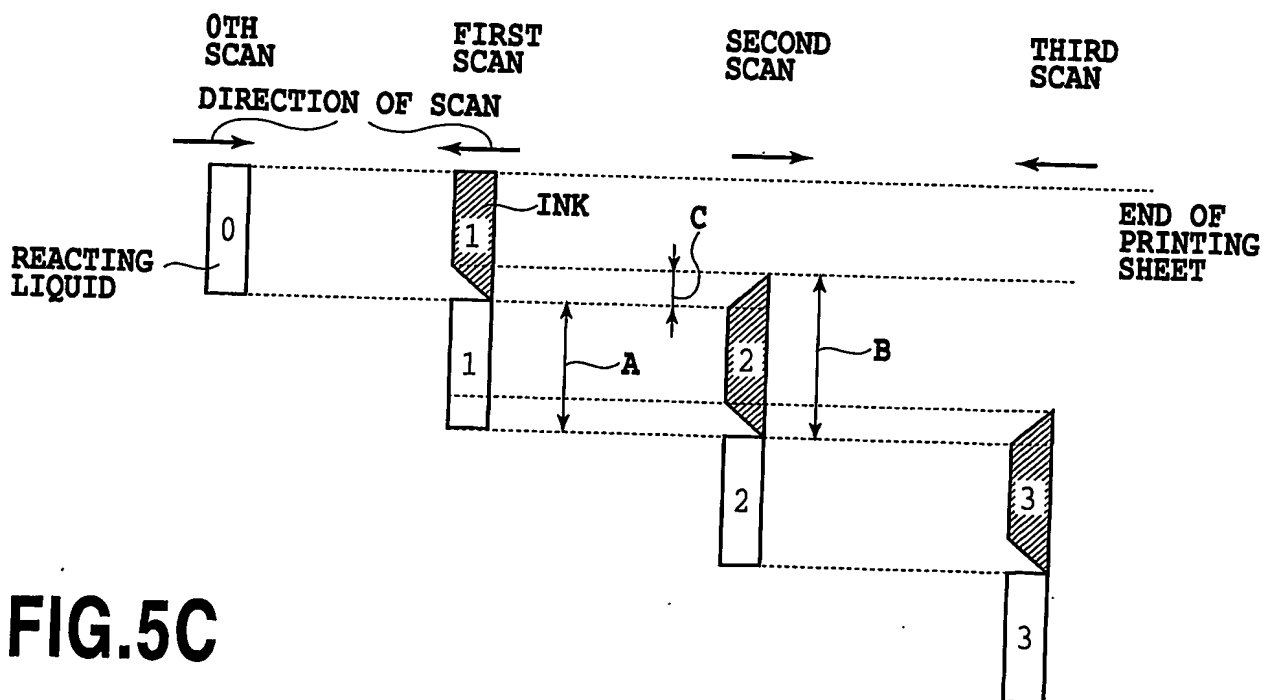


FIG.5C

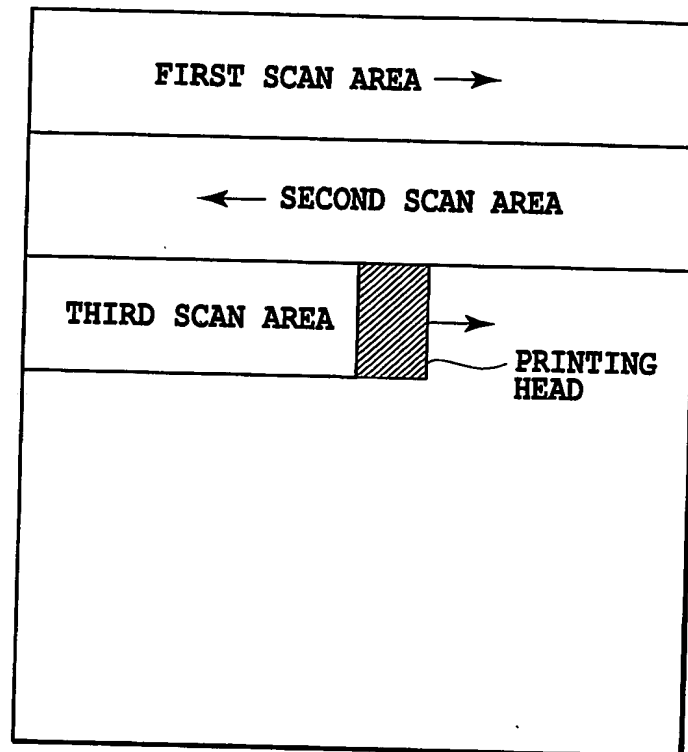


FIG.6

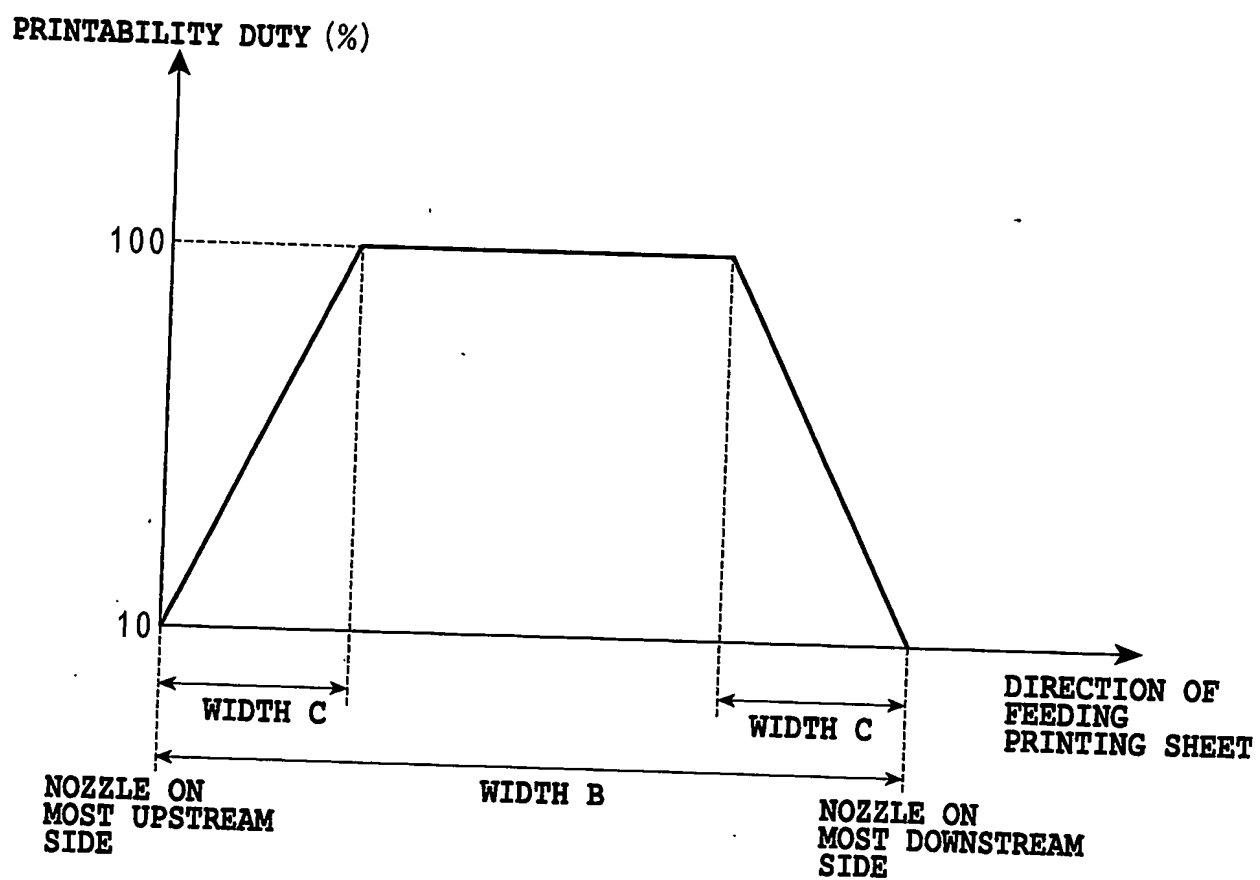
**FIG.7**

FIG.8A

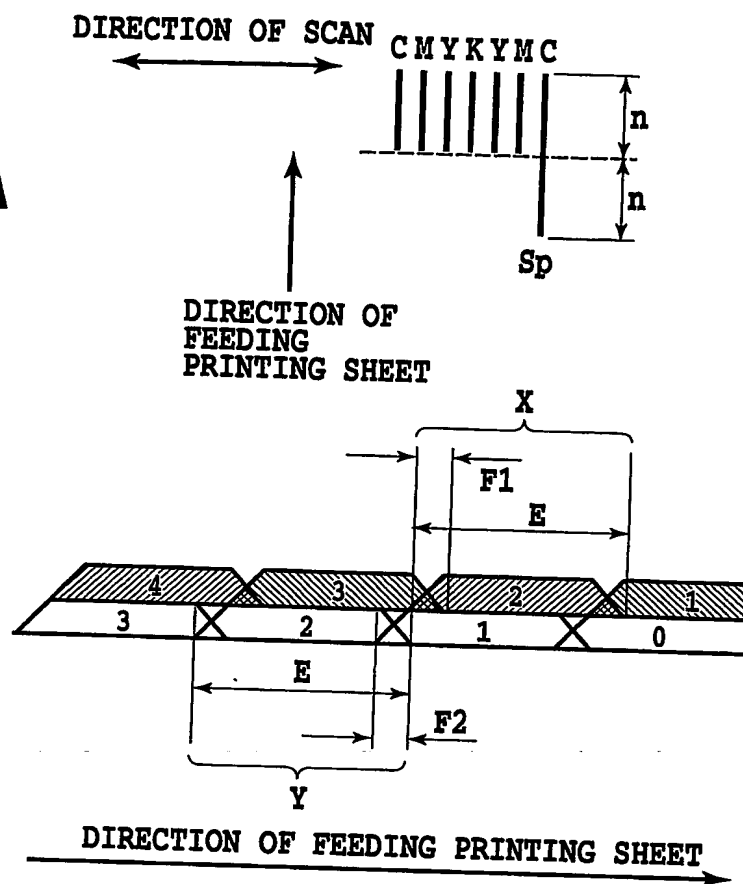


FIG.8B

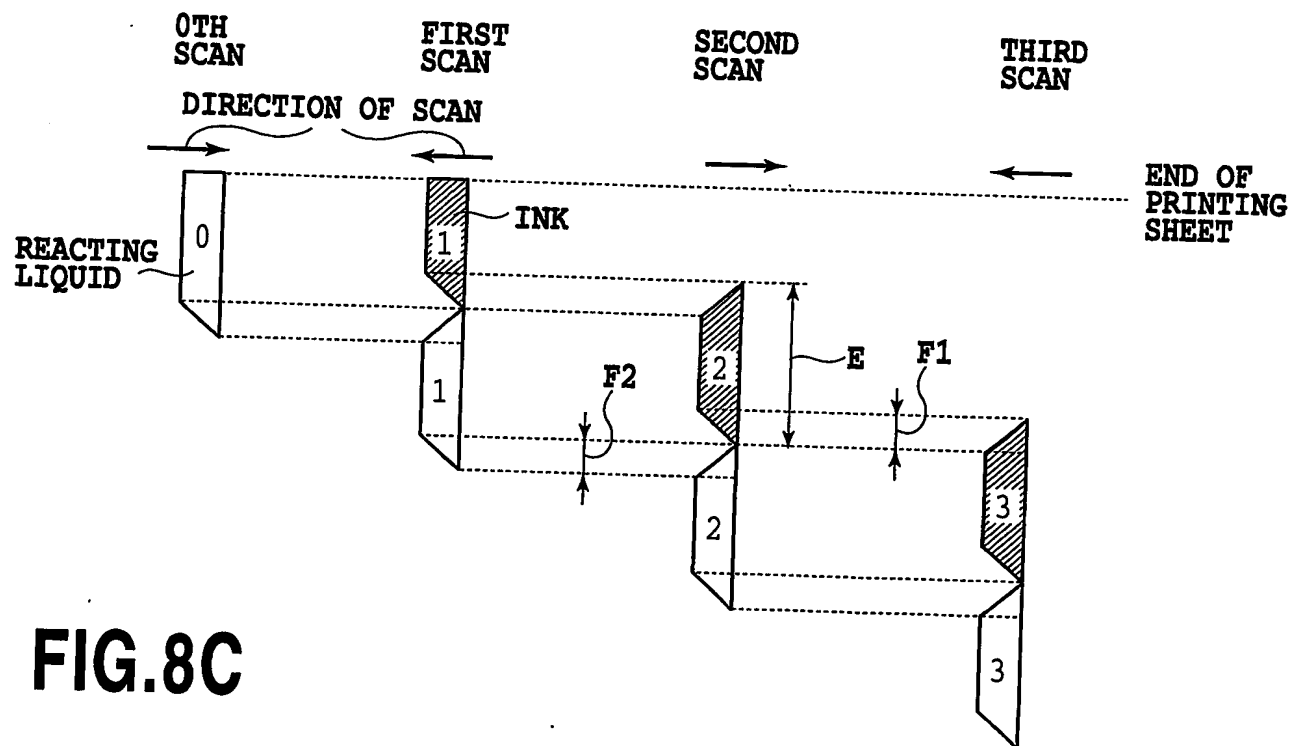


FIG.8C

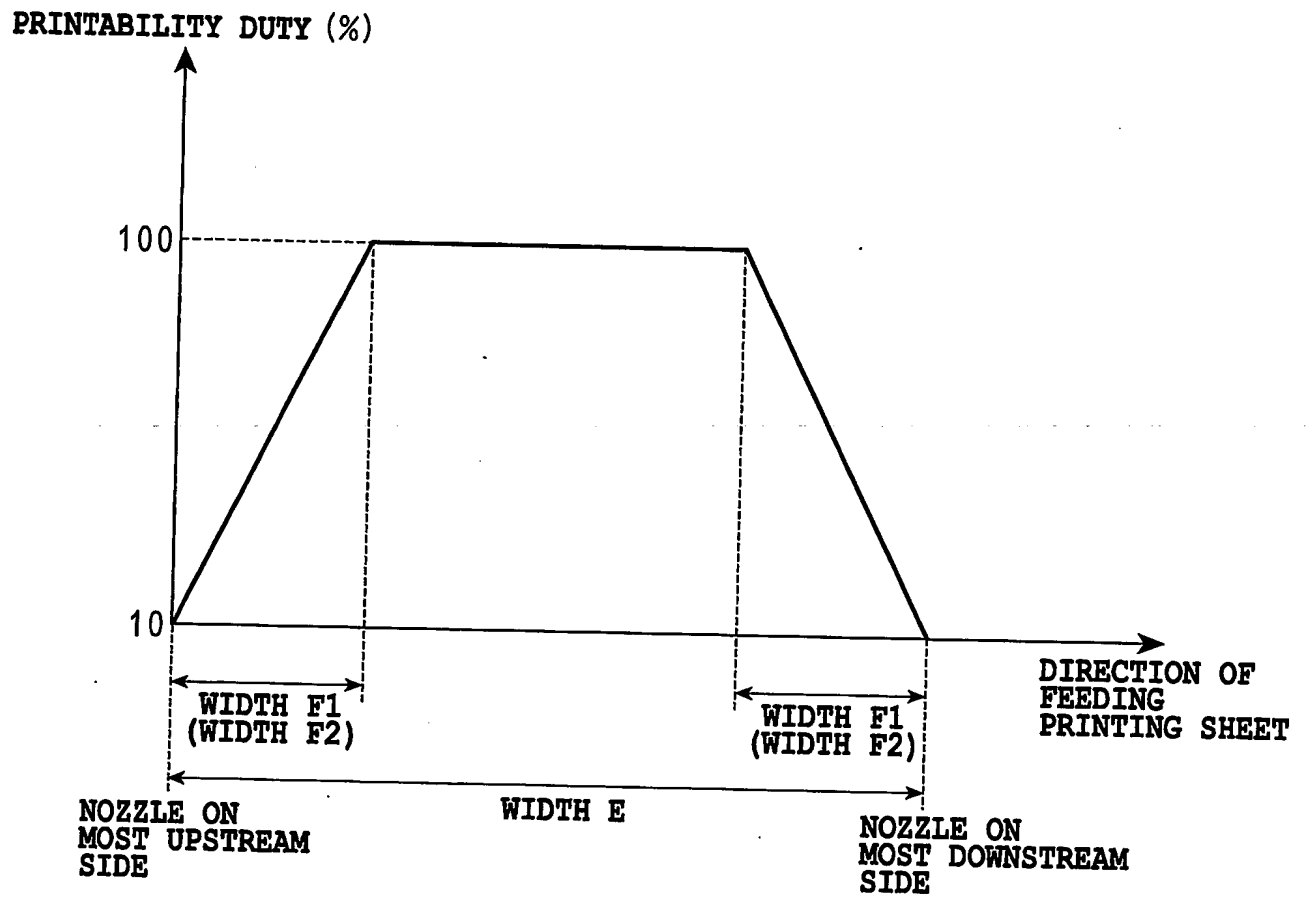


FIG.9